

## Claims

1. A method of routing a terminating call in a mobile communication system comprising exchanges which are connected to each other by communication paths, and at least one subscriber database containing subscriber data, said method comprising:

transmitting a request from a routing exchange to said subscriber database, said request including at least a B-subscriber number of said terminating call, characterized by

retrieving a basic service code for said terminating call from said subscriber database on the basis of the B-subscriber number included in the request,

transmitting a response from said subscriber database to said routing exchange, said response including at least said basic service code,

and

routing said terminating call from the routing exchange to said B-subscriber number by using communication paths that fulfill the property requirements of the call type indicated by said basic service code.

2. A method according to claim 1, characterized in that said subscriber database is a home location register, and that said response is a SendRoutingInfoResE message wherein the basic service code is included.

3. A mobile communication system comprising:

at least one subscriber database (HLR) containing subscriber data, and

exchanges (GMSC, MSC) connected to each other by communication paths (L1, L2), at least one of said exchanges (GMSC) comprising means for transmitting a request (2.2) to said subscriber database (HLR), said request including at least a B-subscriber number of a terminating call, characterized in that

said subscriber database (HLR) comprises means for retrieving and transmitting to said exchange (GMSC) a basic service code that corresponds to the B-subscriber number included in the request (2.2), and

said exchange (GMSC) comprises means (1) for routing said terminating call to the B-subscriber number by using communication paths (L1) that fulfill the property requirements of the call type indicated by said basic service code.

4. A mobile communication system according to claim 3, characterized in that said subscriber database (HLR) is a home location register, and that said response is a SendRoutingInfoResE message wherein the basic service code is included.

5 5. A mobile communication system according to claim 3 or 4, characterized in that said exchange (GMSC) comprises means (2) for subjecting the B-subscriber number to a predetermined conversion selected according to the call type indicated by the basic service code.

6. A mobile communication system according to claim 3 or 4, characterized in that said exchange (GMSC) comprises means for converting the transmission medium requirement of the terminating call according to the call type indicated by the basic service code.

7. An exchange (GMSC) of a mobile communication system, said exchange comprising:

15 means for transmitting a request (2.2) that includes at least a B-subscriber number of a terminating call, and

routing means (1) for routing said terminating call, characterized in

20 that said exchange (GMSC) comprises means for receiving a basic service code, and

that said routing means (1) are responsive to the received basic service code for routing said terminating call to the B-subscriber number by using a communication path (L1) that fulfills the property requirements of the call type indicated by said basic service code.

25 8. An exchange according to claim 7, characterized in that said exchange (GMSC) comprises means (2) for subjecting the B-subscriber number to a predetermined conversion selected according to the call type indicated by the basic service code.

9. An exchange according to claim 7, characterized in that  
30 said exchange (GMSC) comprises means (2) for converting the transmission medium requirement of the terminating call according to the call type indicated by the basic service code.

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